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No. 23] NEW DELHI, SATURDAY, JUNE 7, 1980 (JYAISTHA 17, 1902)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 7th June 1980

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

1st May 1980

500/Cal/80. TRW Inc. Temperature sensitive electrical element and method and material for making the same.

501/Cal/80. J. H. Haslam. Rotary balance motor. (May 1, 1979).

502/Cal/80. K. N. Panday. Maku milk chamber.

2nd May, 1980

503/Cal/80. Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H. Method for removing irregularities, such as ridges and laps, from the rail head surface.

504/Cal/80. Franz Plasser. Bahnbaumaschinen-Industriegesellschaft m.b.H. Travelling on-track machine working continuously in accordance with its rate of advance for continuously smoothing out.

505/Cal/80. Nikki Chemical Co., Ltd. Catalyst for production of ethylene from ethanol.

506/Cal/80. Luwa AG. Apparatus for thermal treatment of flowable materials.

507/Cal/80. Prof. Dr.-Ing. K. Bammert. Rotary machines. (March 21, 1980).

508/Cal/80. General Electric Company. Production of cubic boron nitride from powdered hexagonal boron nitride in the absence of catalyst.

509/Cal/80. Societe Nationale ELF Auaitaine. Thermal stabilization of vinyl resins.

3rd May, 1980

510/Cal/80. Stamicarbon B.V. Method for the preparation of melamine.

511/Cal/80. Stamicarbon B.V. Method for the preparation of melamine.

512/Cal/80. A.W. Hooper. Rotary pulp screening device of the vertical pressure type.

513/Cal/80. Snia Viscosa S.p.A. Societa' Nazionale Industria Applicazioni Viscosa. Method for the purification of raw caprolactam which contains amides and other by-products.

514/Cal/80. Donetsk Nauchno-Issledovatel'sky Institut Chernoi Metallurgii and Karagandinsky Metallurgicheskoy Kombinat. Method for patching linings of metallurgical units.

515/Cal/80. Shin-Etsu Chemical Co. Ltd. Method for the preparation of a cellular foamed body of a vinyl chloride-based resin.

516/Cal/80. Schusterinsel Opladen Textilveredlungs-Gesellschaft MBH. Roafing web.

5th May, 1980

517/Cal/80. Amsted Industries Incorporated. Squaring device for railroad car truck.

518/Cal/80. Lucas Industries Limited. Reflex reflector device. (May 4, 1979).

519/Cal/80. Regents of the University of Minnesota. Controlled protein fractionation.

520/Cal/80. The Dow Chemical Company. Electrolytic production of certain trichloropicolinic acids and/or 3, 6-dichloropicolinic acid.

521/Cal/80. Franz Plasser Bahnbaumaschinen-Industrie-Gesellschaft m.b.H. Improvements in or relating to travelling on track planing machine.

522/Cal/80. The Lubrizol Corporation. Phosphite treatment of phosphorus acid salts and compositions produced thereby.

523/Cal/80. C. Eugen Maier Metallverarbeitung GMBH. Improvement in or modification of the flyer for yarn or thread winding machines. [Addition to No. 879/Cal/77].

6th May, 1980

524/Cal/80. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Single-brace headgear for a mine winding shaft.

525/Cal/80. Nitrokemia Ipartelepek. Process for the preparation of N-phosphonomethyl glycine.

526/Cal/80. BASF Aktiengesellschaft. Trans-3-(4'-tert-butyl-cyclohex-1'-yl) 2-methyl-1- (3'-methylpiperidino, 3', 5'-dimethylpiperidino and 2', 6'-dimethyl-morpholino)-propane, their preparation in a pure form, anti-mycotic agents containing these compounds, and their use.

527/Cal/80. J. K. Singh. A portable carrier assembly.

528/Cal/80. Tractel Tirfor India Private Limited. Portable rail unit for a travelling trolley from which cradle is suspended.

529/Cal/80. Asahi Kasei Kogyo Kabushiki Kaisha. Method for producing carboxylic esters.

530/Cal/80. Takeda Chemical Industries, Ltd. Crystallized cephalosporin salts.

531/Cal/80. Licentia Patent-Verwaltungs G.M.B.H. Auto-pneumatic circuit breaker.

7th May 1980

532/Cal/80. Gulf Research & Development Company. Filtration of a coal liquid slurry using an ethylene vinyl acetate copolymer.

533/Cal/80. Gulf Research & Development Company. Filtration of a coal liquid slurry using an alkylmethacrylate copolymer.

534/Cal/80. Gulf Research & Development Company. Filtration of a coal liquid slurry using polyisobutylene.

535/Cal/80. Gulf Research & Development Company. Filtration of a coal liquid slurry using an ethylene vinyl acetate copolymer and an alcohol.

536/Cal/80. Gulf Research & Development Company. Filtration of a coal liquid slurry using an alkylmethacrylate copolymer and an alcohol.

537/Cal/80. Gulf Research & Development Company. Filtration of a coal liquid slurry using polyisobutylene and an alcohol.

538/Cal/80. Massey-Ferguson Services N. V. Tractor hydraulic control systems. (May 9, 1979).

539/Cal/80. Patpan Inc. Method and apparatus for drying moist skins.

540/Cal/80. Franz Plasser Bahnbaumaschinen-Industrie-Gesellschaft M.B.H. Improvements in or relating to travelling on-track machine.

APPLICATIONS FOR PATENTS AT THE (DELHI BRANCH)

17th March, 1980

197/DEL/80. Bharat Heavy Electricals Limited, "An Engine".

198/DEL/80. Bharat Heavy Electricals Limited, "An Engine".

199/DEL/80. Bharat Heavy Electricals Limited, "An Engine".

200/DEL/80. Alcan Research and Development Limited. "Improvements in the Carbothermic Production of Aluminium". (Convention date April 10, 1979).

201/DEL/80. Waggonfabrik Uerdingen A.G., "Damped Suspension System for Conveyors".

202/DEL/80. Cynthia Libby Sedlacek, "Adjustable Diaphragm".

18th March, 1980

203/DEL/80. The Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Method and apparatus for estimating slant visibility in Fog." (Convention date March 19, 1979).

204/DEL/80. Kintyre Enterprises Limited, "Fuel Burner". (Convention date March 23, 1979).

205/DEL/80. C.M. Industries, "5-(2-Hydroxy-3-Thiopropoxy) Chromone-2-Carboxylic Acids, Chemical Process and Pharmaceutical Compositions."

206/DEL/80. Cecil Francis Langner and June Bessie Langner, "Electrical Connector." (Convention date March 28, 1979).

207/DEL/80. Council of Scientific & Industrial Research, "Process for the Preparation of Polymeric acrylic resin emulsion for use as binders for pigments in leather industry".

208/DEL/80. Council of Scientific & Industrial Research, "A new process for the preparation of 2, 2-dimethyl-3- (2-oxopropyl) -cyclopropane acetic acid, an important intermediate in the synthesis of chrysanthemic acid and synthetic pyrethroid insecticides.

19th March, 1980

209/DEL/80. Bayer Aktiengesellschaft, "Microbicidal Agent and its use."

20th March, 1980

210/DEL/80. Dr. Beck & Co. AG., "Extrusion Process for Insulated Wire Employing Thermoplastics."

211/DEL/80. Union Carbide Corporation, "Instantaneous Scarfing by means of a Pilot Puddle."

212/DEL/80. Microfuels, INC., "Communion of Pulverulent Material by Fluid Energy."

21st March, 1980

213/DEL/80. ROHM G.m.b.H., "Process for the Liming of Animal Skins and Hides."

214/DEL/80. Chief Controller Research & Development, "Sponge Iron making Furnace." [Divisional date January 10, 1979].

22nd March, 1980

215/DEL/80. Pers India Private Limited, "A Modular Structure."

216/DEL/80. Digankar Basu, "An Improved Motor Car."

25th March, 1980

- 217/DEL/80. Schering Aktiengesellschaft, "Herbicidally active N-(2-propynyl)-carbanilic acid (3- α -phatic hydrocarbon-oxy- or -thiocarbonylami-nophenyl) esters and their manufacture and use."
- 218/DEL/80. Anvar-Agence Nationale De Valorisation De La Recherche, "Condenser for Purification by Evaporation Using Solar Energy."
- 219/DEL/80. Shell Internationale Research Maatschappij B.V., "Process for the Preparation of DihaloVinyl Compounds." (March 27th, 1979).
- 220/DEL/80. Shell Internationale Research Maatschappij B.V., "Novel Trihalomethyl Carbonate Derivatives and a Process for their Production." (March 27th, 1979).
- 221/DEL/80. Veda Prakash Gupta, "Container for Thermometers."

26th March, 1980

- 222/DEL/80. Maschinenfabrik Reinhausen Gebrüder Scheuback GmbH & Co. KG., "Three-Phase Load Selector for a Tapped Transformer."
- 223/DEL/80. Maschinenfabrik Reinhausen Gebrüder Scheuback GmbH & Co. KG., "Improvements in or relating to a Tap Switch for a Tapped Transformer."
- 224/DEL/80. Hadelabolaget Light Regulation, "Apparatus for Transmitting Information on an Alternating Current Line."
- 225/DEL/80. Interlox, "Process for the Preparation of Coated Seeds."
- 226/DEL/80. S. N. Kinariwala, "A Shuttle Control Device."

28th March, 1980

- 227/DEL/80. S. N. Kinariwala, "A Shuttle Control Device."
- 228/DEL/80. Dr. Avinash Puri Goswami, "Suryakiranganak."
- 229/DEL/80. Uniroyal, Inc., "Encapsulated Pesticide having reduced Phytotoxicity."

31st March, 1980

- 230/DEL/80. Borfiglaze Limited, "Improvements relating to a Method of Manufacture of Structural Board Panels and to Board Panels Formed thereby." (March 30th, 1979).
- 231/DEL/80. Lodge-Cottrell Limited, "Improvements in or relating to electro-precipitation." (April 12th, 1979 & March 13th, 1980).
- 232/DEL/80. Reichhold Limited, "Lignosulphonate Phenolic Resin Binder." (April 20th, 1979).
- 233/DEL/80. Muralidharan Nair V.P., "Reflector of Optimum Efficiency."

1st April, 1980

- 234/DEL/80. Armco INC., "Finishing Method and Apparatus for Conventional Hot Dip Coating of a Ferrous Base Metal Strip with a Molten Coating Metal."
- 235/DEL/80. Otis Elevator Company, "Modified Slowdown and Braking of an Elevator Car." (April 5, 1979).
- 236/DEL/80. Noyes Bros. Pty. Limited, "Improved Mobile Transporter for Mines." (April 17th, 1979).

2nd April, 1980

- 237/DEL/80. P C U K Produits Chimiques Ugine Kuhlmann, "Crystallisation of Zeolite a During Industrial Preparation Processes."
- 238/DEL/80. Union Carbide Corporation, "High Solids Mixture Aeration Method."

239/DEL/80. UOP INC., "A Novel Catalyst for the Conversion of Aromatic Hydrocarbons."

240/DEL/80. The Standard Oil Company, "Process for the Preparation of Amide-Containing Polymers."

3rd April, 1980

- 241/DEL/80. Kul Kamal Chandhoke, "Massager."
- 242/DEL/80. Hughes Aircraft Company, "Hydrazine Thruster."
- 243/DEL/80. Sulzer Brothers Limited, "A Method of Producing Very Pure Magnesium Oxide."
- 244/DEL/80. Schering Aktiengesellschaft, "Substituted Carbanilic acid esters, processes for the manufacture of these compounds and herbicidal preparations containing them."
- 245/DEL/80. Council of Scientific & Industrial Research, "A New Process for Desilication of Black/Green Liquors of Paper Industry."

5th April, 1980

- 246/DEL/80. Council of Scientific & Industrial Research, "Method for the manufacture of improved liquid crystal digital display panels."
- 247/DEL/80. Council of Scientific & Industrial Research, "Improvements in or Relating to Chemical Colouring of Aluminium and its Alloys."
- 248/DEL/80. Indian Institute of Petroleum, "An Improved Process for Producing Hard Microcrystalline Wax of Low Oil Content."
- 249/DEL/80. Michael John Pook, "A Sealing Ring."
- 250/DEL/80. Michael John Pook, "Coupling Pipes."
- 251/DEL/80. S. N. Kinariwala, "A Pickling Stick Mechanism."
- 252/DEL/80. Karnail Singh Grewal, "Animal Captive Energy Exploiter."

7th April, 1980

- 253/DEL/80. Societe D'Etudes De Produits Chimiques, "Preparation of Isopropyl-aminopyrimidine Hydroxy Derivatives (Mineral Base Route)." (April, 30, 1979).
- 254/DEL/80. Societe D'Etudes De Produits Chimiques, "Preparation of Isopropyl-aminopyrimidine Hydroxy Derivatives (Hydrogen Reduction Route)" (April, 30, 1979).

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

10-4-1980

- 95/BOM/80. Shodhak Dattatraya Karmalkar, Roof Turbo-Generator.
- 96/BOM/80. Nallinkumar Mohanbhai Patel, High contact uniform resistance electrode.

14-4-1980

- 97/BOM/80. Vacuum Plant and Instruments Manufacturing Company Pvt. Ltd. Piston type valve.
- 98/BOM/80. Shila Subhash Rathil, A device for attracting and Trapping insects.
- 99/BOM/80. Hindustan Lever Limited, Improvements in soap feedstocks.
- 100/BOM/80. Star Textile Engineering Works Limited, Improvements in or relating to the manual removal of ejected trash without interruption of the spinning operation in an open-end spinning machine.
- 101/BOM/80. Star Textile Engineering Works Limited, A Mechanism for control of sliver feed for an open-end spinning machine.
- 102/BOM/80. Star Textile Engineering Works Limited, A device to brake the spinning rotor and the opener-

roller of an open-end spinning machine during the piecing of a yarn-break.

16-4-1980

103/BOM/80. Dr. Nurani Hariharaiyer Sivarama Krishnan, Drying of natural rubber from its latex form to smoked and dried sheets directly for marketing purposes in a short time from 8 to 10 hours.

17-4-1980

104/BOM/80. Hindustan Lever Limited, Preparation of silicas.

105/BOM/80. Emco Electricals Private Limited, A Novel prestressed spring.

106/BOM/80. Emco Electricals private Limited, A Novel Electromagnetic Brake release assembly.

21-4-1980

107/BOM/80. Aspi Rustomji Balsara. An improved Tooth brush.

22-4-1980

108/BOM/80. Ciba-Geigy of India Limited. Process for the manufacture of novel guanidine derivatives.

109/BOM/80. Ciba-Geigy of India Limited. Process for the manufacture of new guanidine compounds.

24-4-1980

110/BOM/80. Dr. Homi Rustom Devitre. A process for the conversion of metals and more particular with a method of compressing together metal particles in solid form.

111/BOM/80. Kantilal Jamnadas Thakkar. A revolving hygienic soap holder.

112/BOM/80. Triple PA Trust. Conversion kit for converting any monoblock pump set into a submersible monoblock pump set.

25-4-1980

113/BOM/80. Peico Electronics and Electricals Limited. A circuit for automatically switching off power supply to a radio or television when the tuned signal goes off the air or is interrupted and a radio or television comprising the same.

114/BOM/80. Hoechst Pharmaceuticals Limited. A process for the preparation of novel pharmacologically active substituted triazino (2, 1-a) isoquinolin-4-ones.

115/BOM/80. Tata Engineering and Locomotive Company Limited. An ultrasonic device for measuring wall thickness of a bore.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

14th April, 1980

75/Mas/80. T. S. Jayaraman. "Miss Meena" Dry Grinder.

76/Mas/80. N. Mittu. Improvements in or relating to combination locking arrangement and a box or like provided with such combination locking arrangement.

21st April, 1980

77/Mas/80. G. J. Gladson, S. Gupta, S. Setty, R. K. Kumar and P. Gopalathnam. A Closure for a Bottle.

22nd April, 1980

78/Mas/80. Denison Hydraulics India Ltd. A method of hydraulic linear servo-assisted continuous and adjustable extremely slow reversing motion to rotary kilns of cement mills and other process-plants.

79/Mas/80. Denison Hydraulics India Ltd. Hydraulic mobile multivalve, also mountable directly on SAE 4 bold port flange of pump and which has low-pressure by pass of oil to tank through main relief valve in neutral condition of directional control spools.

25th April, 1980

80/Mas/80. K. Mahesh. Manufacture of portable moisture meter.

26th April, 1980

81/Mas/80. A. R. Fernandez. Stopping a train automatically in the event of a derailment or collision.

82/MAS/80. D.S.P. Rao. Chuck.

28th April, 1980

83/Mas/80. M. H. Mohideen. 'Roof Railway' which runs on gravitational force.

1st May, 1980

84/Mas/80. T. K. Mathew. "FREE ENERGY MACHINE" Fule Free Mechanical Energy.

2nd May, 1980

85/Mas/80. K. C. Bhatt. Random Signal Generator.
ALTERATION OF DATE

147699.

15/Cal/79.

Ante-dated 5th January, 1979.

147700.

994/Cal/79.

Ante-dated 5th January, 1979.

147701.

537/Del/79.

Ante-dated 21st November 1977.

147709.

469/Cal/78.

Post-dated 27th October, 1979.

147710.

1288/Cal/78.

Ante-dated 25th April, 1977.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

Class 101F.

147695

Int. Cl. E03b 7/00.

A STRUCTURAL DEVICE FOR CONVEYING WATER
Applicants : MANOHAR INDUSTRIES.

AN INDIAN PARTNERSHIP CONCERN.

NANDED, MAHARASHTRA.

Inventor : 1. SMT. SARASWATIDEVI W/o SUKHRAJMAL.

2. SHRI MANOHARLAL SURI S/o SUKHRAJMAL SURI.

3. SMT. SHANTIDEVI W/o INDERJEET SURI.

4. SURESH CHANDER S/o MANOHARLAL SURI.

Application No. 340/BOM/77 filed on Dec. 5, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Bombay Branch.

9 Claims

1. A structural device for conveying water comprising a base having sidewalls integrally constructed with said base and so as to form a passageway, characterised in that the ends of the sidewalls are fitted with diverging wings having openings constituting the inlet and the outlet of the said device and for the water to flow therethrough.

Complete specification 8 pages drawing sheets 2.

CLASS 131B₂.

147696

Int. Cl.-E21b 7/00.

REVERSIBLE, PERCUSSIVE DEVICE FOR GROUND
DRILLING

Applicant : INSTITUT GORNOGO DELA SIBIRSKOGO
OTDELENIYA AKADEMII NAUK SSSR., OF NOVOSI-
BIRSK, KRASNYY PROSPEKT, 54, USSR.

Inventors : KHAIM BERKOVICH TKACH, ALEXANDR
DMITRIYEVICH KOSTYLEV, VLADIMIR MAXIMOVICH
TERIN, KONSTANTIN BORISOVICH SKACHKOV, ALE-
XEI DANILOVICH TERSKOV, MIKHAIL JUDKOVICH
BONDAR AND VLADIMIR FEDOROVICH DROBY-
AZKO.

Application No. 984/Cal/77 filed June 30, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A reversible, percussive device for drilling the ground by compaction thereof, said device being powered by a gaseous medium under pressure, comprising : a hollow cylindrical body with a pointed front end; a hammer accommodated in said body and adapted to reciprocate therein, said hammer forming in said body a front power chamber of variable volume, the rear portion of the hammer having a cylindrical hollow portion which forms a rear power chamber of variable volume, said hammer having ports whereby said power chambers are interconnected; a stepped cylindrical barrel with a stepped outside diameter, said stepped barrel being located inside the cylindrical hollow portion in the hammer and coaxially therewith and secured to the rear end of said body, the large-diameter portion of the stepped barrel being arranged to interact with the hammer and provided with having ports; a stepped sleeve with a stepped outside diameter, which stepped sleeve is located coaxially within the stepped barrel so that the large-diameter portion of the sleeve covers the ports in the stepped barrel, said stepped sleeve being spring-loaded inside the stepped barrel, the space between the large-diameter portions of the stepped sleeve and stepped barrel forming an annular chamber, holes being provided in the small-diameter portion of the stepped sleeve interacting with the small-diameter portion of the stepped barrel; a ring fixedly mounted in the large-diameter portion of the stepped barrel at the front end thereof and coaxially therewith, the space between the ring, the inner surface of the stepped barrel and the outer surface of the stepped sleeve forming an auxiliary annular cham-

ber; a source of a compressed gaseous medium, which medium is fed into the power chambers through said stepped barrel for imparting a reciprocating motion to the hammer, which while reciprocating, strikes the body, said annular chamber being in communication with the source of a compressed gaseous medium through the holes in the stepped sleeve during forward movement of the ground drilling device, said auxiliary annular chamber being in communication with the source of a compressed gaseous medium during reverse movement of the ground drilling device.

Comp. Specn. 25 Pages.

Drg. 4 Sheets.

CLASS 160B & D.

147697

Int. Cl.-B62c 1/04.

ANIMAL DRAWN VEHICLE.

Applicant : DUNLOP INDIA LIMITED, OF 57B MIRZA
GHALIB STREET, CALCUTTA-700 016, INDIA.

Inventor : HIRAGANAHALLI SUBBARAO KUMARASWAMY.

Application No. 1732/Cal/77 filed December 14, 1977.

Complete Specification left January 5, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An animal drawn vehicle comprising a frame or chassis and an axle held thereto, a wheel held at either ends of said axle, a pull beam or a pair of pull beams held at the proximal end to said frame or means connecting said frame and at the distal end to a yoke, a loading carriage supported on said chassis characterized in a balancing mechanism consisting of a platform extending outwardly from said frame and in the direction of said yoke, a counter balance weight slidably supported on or held to said extended platform.

Prov. Specn. 7 Pages. Comp. Specn. 10 Pages. Drg. 1 Sheet.

CLASS 160B & D.

147698.

Int. Cl.-B62c 1/00.

ANIMAL DRAWN VEHICLE

Applicant : DUNLOP INDIA LIMITED, OF 57B MIRZA
GHALIB STREET, CALCUTTA-700 016, INDIA.

Inventor : HIRAGANAHALLI SUBBARAO KUMARASWAMY.

Application No. 1733/Cal/77 filed December 15, 1977.

Complete Specification left January 5, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

An animal drawn vehicle adapted to be driven by a single or a pair of draught animals and comprising a chassis or frame and an axle held thereto, a traction wheel held at either ends to said axle, said chassis or frame supporting a loading carriage or platform characterized in that a pair of pull beams held at the distal end to a yoke and at the proximal end to a cross beam and having means to allow the yoke to assume a relative position in any plane passing through the axis of said means and such as to counter act any uneven movement of said chassis.

Prov. Specn. 6 Pages. Comp. Specn. 14 Pages. Drg. 3 Sheets.

CLASS 160B & D.

147699.

Int. Cl.-B62c 1/00.

ANIMAL DRAWN VEHICLE

Applicant : DUNLOP INDIA LIMITED, OF 57B MIRZA
GHALIB STREET, CALCUTTA-700 016, INDIA.

Inventor : HIRAGANAHALLI SUBBARAO KUMARASWAMY.

Application No. 15/Cal/79 filed January 5, 1979.

Division of application No. 1733/Cal/77 filed January 5, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

An animal driven vehicle adapted to be driven by single or a pair of draught animals and comprising a chassis or frame and an axle therefor, a traction wheel held at either ends to said axle, said chassis or frame adapted to support a loading carriage, a pull beam or a pair of pull beams held at the distal end to a yoke and at the proximal end to said chassis or frame or means connected to said frame characterized in that said loading carriage is slidably supported on said frame or chassis.

Comp. Specn. 12 Pages.

Drg. 1 Sheet.

CLASS 160B & D.

147700.

Int. Cl.-B62c 1/04.

ANIMAL DRAWN VEHICLE

Applicant : DUNLOP INDIA LIMITED, OF 57B MIRZA GHALIB STREET, CALCUTTA-700 016, INDIA.

Inventor : HIRAGANAHALLI SUBBARAO KUMARASWAMY.

Application No. 994/Cal/79 filed September 21, 1979.

Division of application No. 1732/Cal/77 filed January 5, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An animal drawn vehicle comprising a frame or chassis and an axle held thereto, a wheel held at either ends of said axle, a pull beam or a pair of pull beams held at the proximal end to said frame or means connecting said frame and at the distal end to a yoke, a loading carriage supported on said chassis characterized in that said yoke is pivotally held to said pull beam.

Comp. Specn. 7 Pages.

Drg. 1 Sheet.

CLASS 39-0.

147701

Int. Cl.-B01j 11/32, C01b 33/20.

A PROCESS FOR THE PREPARATION OF A CATALYST COMPOSITION.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., CAREL VAN BYLANDT LAAN 30, THE HAGUE, THE NETHERLANDS.

Inventors : HERMAN WOUTER KOUWENHOVEN, WILLEM HARTMAN JURRIAAN STORK AND LAMBERT SCHAPER.

Application No. 538/Del/79 filed July 25, 1979.

Division of Application No. 408/Del/77 filed November 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

14 Claims. No drawings.

A process for the preparation of a catalyst composition comprising crystalline silicates characterised in that

- (a) the crystalline silicates are thermally stable up to temperatures above 600°C;
- (b) after dehydration in vacuo at 400°C they are capable of adsorbing more than 3% water at 25°C and saturated water vapour pressure; and

(c) in the dehydrated form they have the following overall composition, in terms of moles of the oxides:

$(1.0 \pm 0.3) (R)_n n^0. [Fe_2O_3, b Al_2O_3, c G_2O_3], y (d SiO_2, e G_2O_2)$, where

R = one or more monovalent or bivalent cations;

$a \geq 0.1$;

$b \geq 0$;

$c \geq 0$;

$a + b + c = 1$;

$Y \geq 10$;

$d \geq 0.1$

$e \geq 0$;

$d + e = 1$; and

n is the valency of R

said process comprises loading by a method such as herein described the said silicate with one or more metal components from Groups IB, IIB, VB, VIB, VIIB and/or VIII of the Periodic Table.

Comp. Specn. 52 Pages.

Drg. Nil.

CLASS 187H.

147702.

Int. Cl.-H04b 3/00.

BRANCH CONNECTOR FOR CONNECTING IT TO A BRANCH POINT OF A RIGID TRANSMISSION MEANS OF COAXIAL TYPE.

Applicant : SOCIETE ITALIANA TELECOMUNICAZIONI SIEMENS S.P.A., PIAZZALE ZABATTART 12, 20149 MILANO, ITALY.

Inventor : ANDREA BAGGIANI.

Application No. 982/Cal/77 filed June 30, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A branch connector for connecting it to a branch point of a rigid transmission means of coaxial type wherein the transmission means comprises a tube of insulating material metallized on its outer and inner surfaces, which metallized surfaces respectively being formed outer and inner conductors of the transmission means; the said connector comprising an outer body of conducting material and a substantially cylindrical inner body of conducting material insulated from the outer body, in which the said outer body has at least two diametrically opposed projecting lugs and that the said inner cylindrical body projects from the outer body of the connector to a length not shorter than the diameter of the said transmission means.

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 29A.

147703.

Int. Cl.-G06c 7/09.

DEVICE FOR CONVERTING NUMBERS FROM ONE SYSTEM OF NOTATION TO ANOTHER.

Applicant & Inventor : VALERY FEDOROVICH GUSEV, ULITSA KARBYSHEVA, 13A, KV. 35, USSR, (2) VLADIMIR YAKOVLEVICH KONTAREV, PLOSHAD JURNOSTI, 4, KV. 3, MOSCOW, USSR, (3) GENRIKH ISAEVICH KRENGEL, ULITSA IRRAGIMOVA, 45, KV. 49, KAZAN, USSR, (4) VYACHESLAV YAKOVLEVICH KREMLEV, BEREZOVAYA ALLEYS, KORPUS 423, KV. 81, MOSCOW, USSR, (5) VALENTIN IVANOVICH KOROTYSHKIN, ULITSA R. ZORGE, 35, KV. 40, KAZAN, USSR, (6) GENNADY NIKOLAEVICH IVANOV, ULITSA DEKABRISTOV, 184-A, KV. 22, KAZAN USSR, (7) MANTUP ZAKIROVICH SHAGIVALPEV, ULITSA KARBYSHEVA, 17, KV. 75, KAZAN, USSR, (8) JURY IVANOVICH SCHETININ, 103536 KORPUS 503, KV MOSCOW, USSR AND (9) AZAT USMANOVICH YARMUKHMETOV, ULITSA ADELYA KUTUYA, 12, KV. 23, KAZAN, USSR.

Application No. 1035/Cal/77 filed July 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A device for converting numbers from one system of notation to another, wherein an input register is connected with its information input to an input bus and with its output to the input of a unit of elementary converters of numbers from one system of notation to another, one of whose inputs is connected to the input of an output register, while its other input, which is the input of the intermediate result of converting numbers from one system of notation to another is connected to the input of a buffer register connected with its output to another information input of the input register, the device further including a control unit whose outputs are connected to two control inputs of the input register and a control input of an output register connection with its output to an output bus.

Comp. Specn. 7 Pages.

Drg. 2 Sheets.

CLASS 42A1.

147704.

Int. Cl.-A24c 5/00, B65c 3/04.

DEVICE FOR CHECKING THAT THE BANDS JOINING FILTERS TO CIGARETTES HAVE BEEN SEALED DOWN.

Applicant : G.D. SOCIETE PER AZIONI, OF VIA POM-
PONIA 10, BOLOGNA, ITALY.

Inventor : ENZO SERAGNOLI.

Application No. 492/Del/78 filed June 30, 1978.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims.

Device for checking that the bands joining filters to cigarettes have been sealed down, comprising means for transferring the cigarettes, one next to the other, in a movement direction crosswise to their longitudinal axes, the said means being provided with a succession of housings into which the individual cigarettes fit, the longitudinal dimensions of which are less than the length of one filter cigarette, as well as with means for retaining the cigarettes in the said housings, the said device having: first pneumatic means placed laterally with respect to the said transfer means, these generating jets of air, directed axially with respect to the cigarettes, towards and in the direction of the openings in axial alignment with the said housings into which the cigarettes fit, the width of which is greater than the section of one cigarette; first means for halting, inside the said housings, the movement of the cigarettes passing through the said openings with just the part around which the cigarette-filter jointing band has been placed, under the action of the said first pneumatic means, the said first halting means being placed laterally with respect to the said transfer means, on the opposite side of these to that where the said first pneumatic means are positioned; means for intercepting and ejecting the cigarettes from their respective housings in the transfer means, these being placed downstream of the said first pneumatic means in the movement direction of the said transfer means and laterally thereto on the same side as the said first pneumatic means; second pneumatic means placed downstream of the said cigarette interception and ejection means, in the movement direction of the said transfer means and laterally thereto on the same side as the said first halting means, these generating jets of air directed towards and axially to the cigarettes; second means for halting the cigarettes moving inside their respective housings in the transfer means under the action of the said pneumatic means, these being placed laterally with respect to the said transfer means, on the side of these where the said first pneumatic means and the said interception and ejection means are located, and downstream of the latter with respect to the movement direction of the transfer means.

Comp. Specn. 15 Pages.

Drg. 2 Sheets.

CLASS 32F₂c & F₃a & 39-I & 72B.

147705

Int. Cl.-C07c 127/12.

PROCESS FOR THE PREPARATION OF UREA NITRATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUS-
TRIAL RESEARCH, RAJ MARG, NEW DELHI-110001,
INDIA.

Inventors : SATCHIDANANDA MAHAPATRA, SU-
RENDRA NATH DAS AND PRABHAT KUMAR PALIT.

Application No. 495/Del/77 filed December 23, 1977.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Delhi Branch.

4 Claims. No drawings.

Process for preparation of urenitrate wherein the mother liquor obtained after the precipitation and separation of the potassium nitrate crystals from the reaction solution of the process of our Indian Patent No. 145213 is reacted with solid urea at a temperature range of 0 to 10°C.

Comp. Specn. 4 Pages.

Drgs. Nil.

CLASS 129G.

147706.

Int. Cl.-G05d 17/00.

MULTIPLE TORQUE APPLYING APPARATUS.

Applicant : THOR POWER TOOL COMPANY, OF 175
NORTH STATE STREET, AURORA, ILLINOIS 60605,
UNITED STATES OF AMERICA.

Inventor : GEORGE NORMAN JONSSON.

Application No. 48/Cal/77 filed January 14, 1977.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A multiple torque applying apparatus comprising a plurality of torque applying units, a sensor for each unit for sensing the applied torque of that unit, a central control circuit connected to receive the outputs of said sensors, means forming a comparison value that is a function of the applied torque of at least one of said units and increases as said applied torque increases, comparator means responsive to the output of said sensors and responsive to said comparison value and comparing said applied torque of each unit with said comparison value and preventing operation of a unit having an applied torque which is greater than said comparison value.

Comp. Specn. 44 Pages.

Drg. 4 Sheets

CLASS 98-I.

147707.

Int. Cl.-F03g 7/02, F24j 3/02.

SOLAR ENERGY COLLECTOR.

Applicant : AGENCE NATIONALE DE VALORISATION
DE LA RECHERCHE A. N. V. A. R., OF 13, RUE MADE-
LEINE MICHELIS—92522—NEUILLY-SUR-SEINE-
FRANCE.

Inventor : BERNARD FAUSTIN AUTHIER.

Application No. 1316/Cal/77 filed August 23, 1977.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

Solar energy collector comprising a fixed spherical mirror having its centre located above the mirror, a radius of curvature R and a paraxial focus located on the movable axis passing through said centre and through the centre of the sun; a movable boiler in which circulates a heat-transfer fluid, said boiler having an axis which passes through said mirror centre; and means for pivoting the boiler axis about said mirror centre whilst maintaining it directed towards the sun, characterized in that said boiler comprises two coaxial boilers which rotate about their common axis, namely an elongated low concentration boiler having two axially opposite ends, a lower and located in the vicinity of the surface of the mirror, via which enters a heat-transfer fluid, and an upper end; and a high concentration boiler which is located in the vicinity of said paraxial focus and which is separated from said upper end of the low concentration boiler by an intermediate space.

Comp. Specn. 22 Pages.

Drg. 5 Sheets.

CLASS 114D & F.
Int. Cl.-C14c 3/00.

147708.

AN IMPROVED PROCESS FOR THE TANNING OF HIDES AND TANNED HIDES SO OBTAINED.

Applicant: MONTEDISON S.P.A., OF 31, FORO BUONAPARATE MILAN, ITALY.

Inventors: ADOLFO ANCONA AND ISMAELE BARTOLI.

Application No. 1279/Cal/77 filed December 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

An improved process for the tanning of hides characterized in that treating the leather with a chemical composition comprising an inorganic acid mixture containing a neutral or basic aluminium chloride and/or sulphate and a complexing agent for the aluminium such as herein described.

Comp. Specn. 16 Pages.

Drgs. Nil.

CLASS 32F**b** & 55E₁.

147709.

Int. Cl.-C01d 39/00.

PROCESS FOR THE PREPARATION OF SUBSTITUTED QUINOLIZIDINE AND INDOLIZED DERIVATIVES.

Applicant: HOKURIKI PHARMACEUTICAL CO. LTD., 1-CHOME 3-14 TATEKAWACHO KATSUYAMASHI, FUKUI, JAPAN.

Inventors: HIDEO KATO, EIICHI KOSHINAKA, NOBUO OGAWA, SAKAE KURATA, KAGARI YAMAGISHI AND MIYOKO ISHIZUKA.

Application No. 469/Cal/78 filed April 29, 1978

Post dated to 27th October 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A process for the preparation of compounds of the formula as shown in Fig. 1.

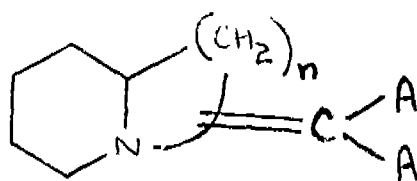


Fig. 1

wherein A represents a phenyl or 2-thienyl group and n represents 3 or 4, either as a free base or as a pharmaceutically acceptable acid addition salt thereof which comprises dehydrating a compound represented by the formula as shown in Fig. 2.

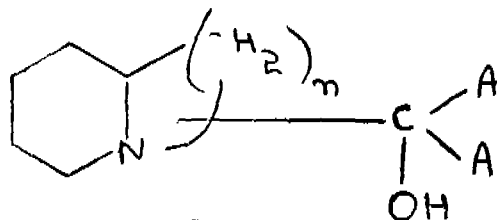


Fig. 2

where n and A are as defined above, by heating at a temperature of from 20 to 150°C in a solvent selected from water, methanol, ethanol, benzene, toluene in presence of a dehydrating agent as hereinbefore described.

Comp. Specn. 18 Pages.

Drg. 2 Sheets.

CLASS 136E.

147710.

Int. Cl.-D06n 7/00, B22c 5/00.

PROCESS AND DEVICE FOR THE PRODUCTION OF A MAT FROM NON-FLOWABLE MOLDING PREPARATIONS.

Applicant: J. F. WERZ JR. KG. PRESSHOLZWERK 7141 OBERSTENFELD B. STUTTGART, FEDERAL REPUBLIC OF GERMANY.

Inventors: EDMUND MUNK AND HERMANN HENKE.

Application No. 1288/Cal/78 filed November 30, 1978.

Division of Application No. 617/Cal/77 filed April 25, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A device for producing a mat from a non-flowable molding material mixed with a binding agent for the production of a pressed article consisting of a box-shaped container that is placed upon the mold and is filled with molding preparation, whose perforated bottom forming the upper delimitation of the mold volume to be filled with molding preparation consists of two perforated bottoms spaced from each other and provided with a drive in such a way, that the perforated bottoms are able to perform movements extending horizontally relative to each other.

Comp. Specn. 9 Pages.

Drg. 1 Sheet.

CLASS 206A.

147711.

Int. Cl.-H04b 7/14.

IMPROVEMENTS IN OR RELATING TO RADIO RELAY ANTENNA.

Applicant: SIFMENS AKTIEGENSCHAFT, OF BERLIN AND MUNICH FEDERAL REPUBLIC OF GERMANY.

Inventors: HANS PRIMIG, ALFRED LUKAS AND DR. ING. GUNTER NIEDERMAIR.

Application No. 1123/Cal/77 filed July 21, 1977.

Convention date January 10/1977/(00752/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A radio-relay antenna comprising: a housing; a wall of which forms an antenna reflector; and a radiator fixed in said wall, a further wall of the housing being provided with securing means by which the housing can be secured to a mast in such manner as to permit vertical and horizontal adjustment of the reflector orientation.

Comp. Specn. 11 Pages.

Drg. 3 Sheets.

CLASS 170D & 202A.

147712.

Int. Cl.-C11b 13/02.

A PROCESS FOR THE MANUFACTURE OF ACID OIL FROM SOAPSTOCK AND WASHES AND AN APPARATUS FOR CARRYING OUT THE SAID PROCESS.

Applicant & Inventor: GOVINDA VAIDYANATHA RAMASWAMY OF M/S IAIN SHINJI VANIYASAI LIMITED 22 KMS MERRUT ROAD, GHAZIABAD 201001 UTTAR PRADESH INDIA.

Application No. 3/Del/78 filed January 2 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

A process for the manufacture of acid oil from soapstock and washes comprising the steps of heating the said stock and washes; mixing therewith an alkaline solution of casein or defatted groundnut cake and passing the mass, so obtained, through a centrifugal pump while injecting sulphuric acid into the said pump at the point of entry of the said mass into the said pump, the resulting mixture of acid oil and spent acid water being pumped to a cooler where the said mixture is cooled the injection of sulphuric acid into the said pump being regulated, by apparatus such as herein described, so as to maintain the pH of the said mixture between 2.5 and 4, the spent acid water being thereafter separated from the said mixture to yield acid oil.

Comp. Specn. 13 Pages.

Drg. 1 Sheet.

CLASS 55E

147713.

Int. Cl.-A61k 23/02.

PROCESS OF PREPARING A SERUM PROTEIN COMPOSITION FOR INTRAVENOUS APPLICATION.

Applicant: PLASMESCO AG., OF HANIBUHL 8, CH 6300 ZUG, SWITZERLAND.

Inventor: MARKUS RADOWITZ.

Application No. 98/Cal/78 filed January 25, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A process of preparing a serum protein composition for intravenous application or administration, wherein a stabilized, universally applicable preparation or composition dissolved in an aqueous isotonic solution is prepared from a human blood protein solution, said composition contains such proteins in which the ratio of globulins and albumins corresponds substantially to that of the native blood serum, characterized in comprising the steps of:

(a) fractionating human blood plasma by removing coagulation factors according to a process known per se, thereby recovering precipitates and supernatants of different fractionation steps,

(b) mixing and resolving the precipitates of different fractionation steps, in which blood proteins, especially albumin and globulins, are preserved in a native form, said precipitates mixed and resolved in a chemically and physiologically adapted solvent, said solvent eventually containing also supernatants of the fractionation steps.

(c) adjusting the mixture in such a manner that it contains 36 to 58.5% albumin and 41.5 to 64% globulin based on the entire protein content.

(d) stabilizing, purifying and drawing off the preparation in a known manner.

Comp. Specn. 23 Pages.

Drg. 1 Sheet.

CLASS 205H & K.

147714.

Int. Cl.-B60c 11/00, 15/00.

PUNCTURE SEALING TIRE.

Applicant: THE GENERAL TIRE & RUBBER COMPANY, OF ONE GENEFRAT STREET, AKRON, OHIO 44329, UNITED STATES OF AMERICA.

Inventor: JOHN EDWARD CIANFA.

Application No. 414/Del/78 filed June 5, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims

A pneumatic tire having an air chamber, beads, a carcass reinforced with one or more carcass plies, a tread surrounding the crown region of the carcass and one or more tread reinforcing belt plies disposed circumferentially about the crown region of the carcass between the carcass and the tread, wherein the improvement comprises the combination of at least one reinforcing ply of the belt comprising flat steel wires, the wires being twice as wide as they are thick, with the wide faces of the wires being perpendicular to the radius of the

tire in combination with a puncture sealant positioned between the air chamber and the one or more belt reinforcing plies.

Comp. Specn. 12 Pages.

Drg. 1 Sheet.

OPPOSITION PROCEEDINGS

(1)

The opposition entered by the Cementation Company Ltd., to the grant of a patent on application No. 140412 made by Chiyoda Chemical Engineering and Construction Company Ltd., and notified under this heading in Part-III, Section 2 of the Gazette of India, dated the 28th May, 1977 will now proceed in the name of Cemindia Company Ltd., in view of its amalgamation with Cemindia Company Ltd.

(2)

The opposition entered by the Cementation Company Ltd., to the grant of a patent on application No. 140413 made by Chiyoda Chemical Engineering and Construction Company Ltd., and notified under this heading in Part-III, Section 2 of the Gazette of India, dated the 28th May, 1977 will now proceed in the name of Cemindia Company Ltd., in view of its amalgamation with Cemindia Company Ltd.

PATENTS SEALED

143501 143958 144082 145631 145891 146103 146109 146131.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. and Title of the Invention

- 138759 (3-5-74) Process for the manufacture of condensed pyrole mercapto compound.
- 139321 (19-7-73) Process for the preparation of novel water soluble monoazodyestuff.
- 139337 (17-8-73) Continuous slurry process for the formation of aromatic polycarboxylic acids.
- 139349 (22-2-74) Process for preparing 3-halo-cephalosporin.
- 139357 (13-12-74) Process for the preparation of acylated 2-amino-thiazole derivatives.
- 139364 (29-1-75) Method of preparing new derivatives of D- L- tyrosine having pharmaceutical activity on smooth muscles.
- 139373 (30-5-74) Manufacture of ready to eat rice.
- 139380 (30-10-71) Process for preparation of highly pure crystalline gypsum.
- 139385 (20-11-73) Process for preparing 3-hydroxy cephalosporine.
- 139386 (20-11-73) Process for preparing cephalosporin ether.
- 139387 (20-11-73) Process for preparing alpha aminoacyl cephalosporin.
- 139392 (25-4-74) A process for the crystallisation of monosodium citrate monohydrate.
- 139403 (12-7-74) Process for separating diolefin from mixtures containing same.
- 139414 (19-10-73) Process for recovering manganese values from low grade oxidised manganese containing ores.
- 139417 (7-11-73) Process for the production of direct dyes diazotisable on the fire.
- 139434 (9-9-74) Process for the production of ethyl alcohol.
- 139457 (11-6-73) Process for the production of diphenylamine and derivatives thereof.
- 139460 (12-9-73) Process for the preparation of catalyst.
- 139607 (16-12-74) Process for preparation of dried aluminium hydroxide gels applicable in therapy.

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Electrical Engineering are not being worked commercially in India as admitted by the Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970 in respect of Calendar year 1978, generally on account of want of requests for licences to work the patented inventions. Persons who are interested to work commercially the said patents may contact the patentees for the grant of Licences for the above purpose.

| S. No. | Patent No. | Date of filing the patent | Name and address of the patentee | Title of the invention |
|--------|------------|---------------------------|---|---|
| 1 | 2 | 3 | 4 | 5 |
| 1. | 138872 | 6-3-74 | YORKSHIRE SWITCHGEAR AND ENGINEERING CO. LTD., of Grov mills, meanwood road, mean wood, Leeds LS 6 2BN, England. | An electrical switchgear. |
| 2. | 138876 | 22-5-74 | SIEMENS A.G. of Berlin and Munich, West Germany. | Multiple plug connectors. |
| 3. | 138906 | 7-2-74 | Do. | A control system for plurality of machines supplying a Load. |
| 4. | 138912 | 28-2-73 | MICAFIL A.G. of Baderstrasse 780, 8048 Zurich, Switzerland. | A protective circuit for capacitive voltage transformer. |
| 5. | 138975 | 1-8-73 | ALUMINIUM COMPANY OF AMERICA of Aloca Building, Pittsburgh Pennsylvania, U.S.A. | Digitally operable container closure method and apparatus for forming such closure. |
| 6. | 139051 | 15-3-73 | N.V. PHILIPS G.F. of Emmasingel, Eindhoven, Netherlands. | Manufacture of semi-conductor device. |
| 7. | 139102 | 22-5-74 | SIEMENS A.G. of Berlin and Munich, West Germany. | Coil formers. |
| 8. | 139172 | 4-1-74 | WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse Building, Gateway Center, Pittsburgh, Pennsylvania, 15222, U.S.A. | Dynamo electric machines. |
| 9. | 139240 | 9-1-75 | JOSEPH LUCAS (ELECTRICAL) LTD., of Well street, Birmingham 19, England. | Face commutator. |
| 10. | 139244 | 15-4-74 | COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH of Rafi Marg, New Delhi, India. | Temperature relay. |
| 11. | 139341 | 2-7-73 | R.C.A CORPORATION of 20, Rockefeller Plaza, New York, New York 10020, U.S.A. | A plastic packaged semi-conductor device. |
| 12. | 139358 | 15-6-74 | ESB INCORPORATED of 5 Penn Center Plaza, Philadelphia, 19103, Pennsylvania, U.S.A. | Secondary batteries. |
| 13. | 139374 | 26-2-74 | GIRLING LIMITED of King Road, Tyseley, Birmingham 11, Warwickshire, England. | A control valve assembly for a vehicle dual circuit breaking system. |
| 14. | 139424 | 24-5-74 | U.S.S. ENGINEER AND CONSULTANTS INC. of 600 Grant Street, Pittsburgh, Pennsylvania, U.S.A. | Method for the uniform electroplating of sheet and strip. |
| 15. | 139475 | 10-8-73 | GIRLING LIMITED OF Kings road, Tyseley, Birmingham 11, Warwickshire, England. | Electrical plug & socket connectors. |
| 16. | 139488 | 17-4-73 | GIRLING LTD. of King's road, Tyseley, Birmingham 11, Warwickshire, England. | Servo boosters for vehicle brake system. |
| 17. | 139493 | 10-12-73 | WESTINGHOUSE ELECTRIC CORPORATION of Pittsburgh, Pennsylvania, U.S.A. | Light activated lateral thyristor A.C. Switch. |
| 18. | 139549 | 1-11-74 | Do. | Circuit breaker with improved magnetic arc driving system. |
| 19. | 139569 | 3-7-73 | GENERAL ELECTRIC COMPANY, U.S.A. | Manufacture of a capacitor. |
| 20. | 139629 | 16-2-72 | RAYCHEM CORPORATION of 300 Constitution drive, Menlo Park, California 94025, U.S.A. | An electrical component having an insulation. |
| 21. | 139713 | 18-3-74 | GIRLING LIMITED of Kings road, Tyseley, Birmingham 11, Warwickshire, England. | Servo boosters for vehicle brake system. |

| 1 | 2 | 3 | 4 | 5 |
|-----|--------|----------|--|---|
| 22. | 139736 | 19-11-74 | LARSEN & TOUBRE LIMITED of L & T house, Ballard Estate, Bombay-400038, Maharashtra, India. | Star Delta Starter for 3-phase Induction motor. |
| 23. | 139779 | 26-5-73 | SOLVAY ET CIE SA of 33 rue de Prince Albert, Brussels 5, Belgium. | Electrolytic cells. |
| 24. | 139846 | 7-3-74 | SIEMENS A.G. of Berlin & Munich, West Germany. | An electrical switch. |
| 25. | 139847 | 3-4-74 | BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan, 48232, U.S.A. | Micro programme data processor having parallel instruction flow streams for plural levels of sub instruction set. |
| 26. | 139855 | 3-7-74 | Do. | Fail safe system for energising the capstan motor of a magnetic tape transport system. |
| 27. | 139861 | 5-6-74 | GIRLING LIMITED of Kings Street, Tyseley, Birmingham 11, Warwickshire, England. | Servo boosters. |
| 28. | 139887 | 15-3-75 | LOYN MOON SHABIR of Sutar Chawl, Bombay-400002, Maharashtra, India. | An electrically operable optical and/or audio signalling device. |
| 29. | 139902 | 9-7-73 | WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse Building, Gateway Center, Pittsburgh, Pennsylvania, U.S.A. | Electrical measuring instrument. |
| 30. | 139943 | 1-5-73 | ROCHE RAMCHAND PARDASANI, Bhatila, Building, 87, Ranade Road, Shivaji Park, Dadar, Bombay-400028, India. | Improvements in dead front fuse unit. |
| 31. | 139947 | 27-1-75 | JOSEPH LUCAS (ELECTRICAL) LTD., of Well Street, Birmingham, England. | Control circuit for vehicle rear window heaters. |
| 32. | 139962 | 3-5-73 | ROCHE RAMCHAND PARDASANI, Bhatila Building, 87, Ranade Road, Shivaji Park, Dadar, Bombay-400028, India. | Cut out or fuse bars. |
| 33. | 139964 | 29-8-73 | BURROUGH CORPORATION of Burrough Place, Detroit, Michigan, 48232, U.S.A. | Micro programmable multi processor system. |
| 34. | 139967 | 12-11-73 | WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse Building, Gateway Centre, Pittsburgh, Pennsylvania 15222, U.S.A. | Circuit interrupter comprising electromagnetic opening means. |
| 35. | 139968 | 23-8-74 | SIEMENS A.G. of Berlin & Munich, West Germany. | A Switch. |
| 36. | 139985 | 26-6-73 | N.V. Philips G.F of Emmasingel, Eindhoven, Netherlands. | Faulty line repeater locating system in repeater stations. |
| 37. | 139989 | 19-11-73 | GENERAL ELECTRIC CO. LTD., LTD., of 1 Stanhope, Gate, London, W1A1EH, England. | Circuit for D.C. output signal which follows variations in A.C. input signals. |
| 38. | 139992 | 31-5-74 | UNION CARBIDE CORPORATION OF 270 Park Avenue, New York, New York 10017, U.S.A. | High pressure infrared cell for use in analysing materials. |
| 39. | 139994 | 19-9-74 | SIEMENS A.G. of Berlin & Munich, West Germany. | A programme control data switching systems. |
| 40. | 139995 | 9-10-74 | SIEMENS A.G. of Berlin & Munich, West Germany. | Oscillator control circuits. |
| 41. | 140014 | 10-1-74 | SIEMENS-ALBIS A.G. of Albisriedstrasse 245, 8047, Zurich, Switzerland. | Microwave pulse/transmitter. |
| 42. | 140054 | 19-7-74 | BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan 48232, U.S.A. | Display panel. |
| 43. | 140059 | 10-9-74 | SIEMENS A.G. of Berlin & Munich West Germany. | Telephone system. |
| 44. | 140062 | 17-12-74 | U.S.S. ENGINEER AND CONSULTANT INC, of 600 Grant Street, Pittsburgh, Pennsylvania, U. S. A. | Low balanced reactance delta closure for electric arc furnace transformers. |
| 45. | 140085 | 14-9-73 | BURROUGH CORPORATION of Burroughs Place, Detroit, Michigan, 48232, U.S.A. | Automatic generation of mini computer instruction. |
| 46. | 140104 | 5-4-74 | SIEMENS M.G. of Berlin & Munich, West Germany. | Microwave Circulation. |

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| 47. | 140105 | 26-7-74 | SIEMENS A.G. of Berlin & Munich, West Germany. | An electromagnetically operable switching apparatus. |
| 48. | 140107 | 27-11-74 | British Sealed Beams Ltd., of Rockingham Road, Corby, Northants, England. | Bulb holder. |
| 49. | 140113 | 7-8-74 | SIEMENS A.G. of Berlin & Munich, West Germany. | Multiple socket connector. |
| 50. | 140131 | 28-6-73 | WESTINGHOUSE ELECTRIC CORPORATION OF Pittsburgh, Pennsylvania, U.S.A. | Dielectric fluid for electrical apparatus. |
| 51. | 140134 | 12-7-74 | MAX BAERMANN of 506 Beusberg, Rezik, Köln, Wuffurhof F.R.G. | Eddy current and hysteresis brake for truck vehicles. |
| 52. | 140135 | 7-8-74 | SIEMENS A.G. West Germany. | Camouflaged speech signal transmission system. |
| 53. | 140164 | 31-1-74 | UNICE MACHINE CO. of 1275 Columbus Avenue, San Francisco 94133, California, U.S.A. | Oscillating anvil disintegrator. |
| 54. | 140176 | 12-11-74 | BURROUGHS CORPORATION, Burroughs Place, Detroit, Michigan 48232, U.S.A. | A data driven information processing system. |
| 55. | 140185 | 9-10-74 | SIEMENS AG West Germany. | Piezoelectric resonators. |
| 56. | 140278 | 1-10-74 | THE LUCAS ELECTRICAL CO. LTD., Well Street, Birmingham, England. | Control arrangement for vehicle head lamps. |
| 57. | 140325 | 20-2-74 | N.V. PHILIPS GLOELAMPENFABRIKEN, Netherland. | Mercury vapour discharge lamp. |
| 58. | 140339 | 10-12-73 | N.V. PHILIPS GLOELAMPENFABRIKEN, Netherland. | Luminescent screen. |
| 59. | 140386 | 6-3-75 | SIEMENS A.G., West Germany. | An electro magnetically operable switch arrangement. |
| 60. | 140575 | 19-9-74 | Do. | Programme controlled data switching system. |
| 61. | 140411 | 1-10-74 | THE LUCAS ELECTRICAL CO. LTD., England. | Starter, motors. |
| 62. | 140422 | 31-5-73 | THORN ELECTRICAL INDUSTRIES LTD., Thorn House, Upper Saint Martins Lane, London WC2H 9ED, England. | Tungsten-Halogen cycle electric incandescent lamps. |
| 63. | 140457 | 15-11-73 | LODGE COTTREL LTD., George Street, Parade, Birmingham, England. | Automatic Voltage Controller. |
| 64. | 140475 | 21-10-75 | UNION CARBIDE INDIA LTD., 1, Middleton Street, Calcutta-1. | Flashlights or electric lamps. |
| 65. | 140547 | 8-10-73 | ELKEM SPIGERVERKET A/S, Middlethungsgate 27, Oslo 3, Norway. | Supplying charge to an electric arc furnace. |
| 66. | 140560 | 10-7-74 | BURROUGHS CORPORATION, U.S.A. | A Microprogrammable computer system. |
| 67. | 140573 | 12-8-74 | RCA CORPORATION, 30 Rockjeller Plaza, New York, N.Y. 10020, U.S.A. | High reliability plastic-packaged semiconductor device. |
| 68. | 140601 | 23-11-73 | GENERAL ELECTRIC CO. LTD., 1, Stanhope Gate, London W1A 1EH, England. | Protective device for electric power transmission system. |
| 69. | 140603 | 9-4-74 | BURROUGHS CORPN., U.S.A. | A small microprogramme data processing system employing multisyllable micro instructions. |
| 70. | 140604 | 23-7-74 | Do. | Display panel. |
| 71. | 140605 | 28-11-74 | SIEMENS A.G., West Germany. | Data transmission system. |
| 72. | 140695 | 18-2-75 | THE LUCAS ELECTRICAL CO. LTD., England. | Lamp assembly. |
| 73. | 140731 | 28-11-74 | SIEMENS A.G., West Germany. | Multi-channel Diode switching circuits for high frequency operation. |
| 74. | 140736 | 26-9-73 | WESTINGHOUSE ELECTRIC CORPN., Pittsburgh, Pennsylvania, U.S.A. | Protective relay system. |
| 75. | 140791 | 20-11-73 | C.S.I.R. Rafi Marg, New Delhi-1. | Device for varying and measuring width of X-ray beam. |

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| 76. | 140833 | 18-12-74 | RIST'S WIRES & CABLES LTD., Well Street, Birmingham, England. | Electrical terminals. |
| 77. | 140869 | 4-2-75 | SIEMENS A.G., West Germany. | Electromagnetically operable switchgear. |
| 78. | 140888 | 1-10-74 | SHUI-TING LU, No. 3, Sin Sen South Road, Sec. 3, Taipei, Taiwan, China. | Cassette for tape/film and driving means thereof. |
| 79. | 140889 | 17-10-74 | SIEMENS A.G., West Germany. | Frequency changer structure. |
| 80. | 140926 | 11-4-74 | Do. | Microwave calculators. |
| 81. | 140931 | 5-12-74 | THE LUCAS ELECTRICAL CO. LTD., England. | Battery charging system for road vehicles. |
| 82. | 140988 | 19-12-73 | SIEMENS A.G., West Germany. | Carrier frequency data transmission system. |
| 83. | 140995 | 24-9-74 | BUTTLERS LTD., Grange Road, Birmingham 10, England. | Lamp assembly. |
| 84. | 140997 | 31-10-74 | C.S.I.R. India. | Collimating system for X-ray topography cameras. |
| 85. | 140999 | 7-1-75 | MASCHINENFABRIK REINHAUSEN GEBRUDER SCHEUBECK K. G., 8 Falkensteinstrasse, 84, Regensburg, F.R.G. | Load diverter switch assembly. |
| 86. | 141001 | 3-3-75 | THE LUCAS ELECTRICAL CO. LTD., England. | Head lamp fitting system in motor vehicle. |
| 87. | 141057 | 27-12-73 | GOULD INC, 1110, Highway 110, Mendota Heights, Minnesota, U.S.A. | Making lead acid storage battery. |
| 88. | 141057 | 27-12-73 | Do. | Lead acid storage battery capable of activation by addition of electrolyte. |
| 89. | 141074 | 26-2-75 | THE LUCAS ELECTRICAL CO. LTD., England. | Vehicle lamp assembly. |
| 90. | 141078 | 29-4-75 | Do. | Motor vehicle rear lighting system. |
| 91. | 141089 | 14-3-74 | ELECTRIC POSER STORAGE LTD., 50 Grosvenor Gardens, London S.W.-1, England. | Making an electric storage battery grid. |
| 92. | 141177 | 16-10-73 | E.I. Du PONT NEMOURS & CO., Wilmington, Delaware, U.S.A. | Electrolytic cell. |
| 93. | 141196 | 27-5-75 | THE LUCAS ELECTRICAL CO. LTD., England. | Detent component and an electrical switch having the same. |
| 94. | 141210 | 14-8-74 | CHLORIDE LORIVAL LTD., Little Lever, Near Bolton, Lancashire, England. | Multicell electric storage battery cans. |
| 95. | 141257 | 27-2-75 | C.S.I.R. Rafi Marg., New Delhi-1, India. | Radio frequency generator. |
| 96. | 141348 | 1-2-74 | HOCKER CHEMICAL & PLASTIC CORPN. Niagara Falls, New York, U.S.A. | Electrolytic cells. |
| 97. | 141361 | 15-4-74 | LARSON & TOUBRO LTD., L & T House, Ballard Estate, Bombay-400038. | D-C. controlled circuit for A.C. electromagnetic devices. |
| 98. | 141426 | 3-12-74 | U.S.S. ENGINEERS AND CONSULTANTS INC., 600 Grant Street, Pittsburgh, Pennsylvania, U.S.A. | Electrodeposition of tin on to steel strips and sheets. |
| 99. | 141449 | 15-5-75 | WESTINGHOUSE ELECTRIC CORPN., Westinghouse Bldg., Gateway Center, Pennsylvania 15222, U.S.A. | Electrical measuring instrument. |
| 100. | 141503 | 26-6-73 | FIERRO ESPONJA SA., Avenida Angeles, Orinto Monterrey, N.L. Republic of Mexico. | Las Charging interchangeable reactors. |
| 101. | 141557 | 26-6-74 | KOLLEGAL RAMASWAMY NANDA KUMAR, D 43, Industrial Estate, Yadavagiri, Mysore. | Manufacture of dry type lead acid battery. |
| 102. | 141578 | 12-6-74 | R.C.A. CORPN., 30 Rockefeller Plaza, N. Y.N.Y. 10020, U.S.A. | Compact guard banded mos integrated circuit. |

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| 103. | 141692 | 21-5-74 | WESTINGHOUSE ELECTRIC CORPN., U.S.A. | Fail safe optically coupled logic not-works. |
| 104. | 141698 | 28-8-74 | SIEMENS A.G., West Germany. | Electrical equipment with housing and slidable mounting member. |
| 105. | 141725 | 27-11-64 | GENERAL ELECTRIC CO., River Road, Schenectady, New York, U.S.A. | Date transfer and control system. |
| 106. | 141741 | 15-5-75 | SIEMENS A.G., West Germany | Housing for electric equipments. |
| 107. | 141763 | 18-7-74 | N.V. PHILIPS GLOEILAMPENFABRIKEN., The Netherlands. | Circuit with gyrator resonant circuit. |
| 108. | 141767 | 2-9-74 | WESTINGHOUSE ELECTRIC CORPN., U.S.A. | Model magnetic cores utilising cut steel particles. |
| 109. | 141776 | 29-4-75 | SIEMENS A.G., West Germany. | Improved PCM regenerators. |
| 110. | 141864 | 19-1-74 | BAYER AKTIENGESELLSCHAFT., Leverkusen, FRG. | Apparatus for remote transmission and indication of electrical measured values in electrolysis cell. |
| 111. | 141868 | 20-9-74 | UNION CARBIDE CORPN., 270, Park Avenue N.Y.N.Y. 10017, U.S.A. | Primary dry cell. |
| 112. | 141895 | 3-7-74 | GLOBE UNION INC., 5757 North Green Bay Avenue, Milwaukee, Wisconsin, U.S.A. | Electrical carbon resistor. |
| 113. | 141958 | 17-10-74 | HITACHI LTD., 5-1, 1-chome, Marunauchi, Chiyoda-ku, Tokyo, Japan. | Brake control system for D-C motors. |
| 114. | 141960 | 10-2-75 | DAVID SCIACKY, 999 North Lake Shore drive, Chicago, Illinois, U.S.A. | Rotating arc welding apparatus. |
| 115. | 141988 | 26-10-74 | RCA CORPN., U.S.A. | Semi-conductor device. |
| 116. | 141992 | 22-5-74 | SIEMENS A.G., West Germany. | Device for setting inductance of pot-core coils in which one half of pot-core is rotatable relative to the other. |
| 117. | 142001 | 25-3-74 | SIEMENS A.G., West Germany. | Electrically conducting article. |
| 118. | 142053 | 11-3-75 | Do. | Electrical cable with insulation core and conductive layer. |
| 119. | 142056 | 21-10-75 | UNION CARBIDE INDIA LTD., 1 Middleton street, Calcutta-71. | Rotary switch for torch and flash lights. |
| 120. | 142070 | 30-9-74 | SIEMENS-ALB 15 AKTIENGESELLSCHAFT, Albistriederstrasse 245, 8047 Zurich, Switzerland. | Doppler pulse radar systems. |
| 121. | 142073 | 4-8-75 | BURROUGHS CORPN., Burroughs Place, Detroit, Michigan, U.S.A. | Data processing system. |
| 122. | 142084 | 28-9-74 | THE LUCAS ELECTRICAL CO. LTD., England. | Lamp reflectors and motor vehicle lamp assemblies. |
| 123. | 142097 | 11-4-74 | SIEMENS A.G., West Germany. | Switch. |
| 124. | 142141 | 26-6-74 | THE LUCAS ELECTRICAL CO. LTD., England. | Stator assembly for dynamo electric machine. |
| 125. | 142143 | 3-2-75 | R.C.A. CORPN., U.S.A. | Protective diode network for mos device. |
| 126. | 142165 | 25-6-75 | SIEMENS A.G., West Germany. | Electric cables. |
| 127. | 142205 | 7-8-74 | GLOBE-UNION INC., 5757 North Green Avenue, Milwaukee, Wisconsin 53201, U.S.A. | Porous ceramic battery vent. |
| 128. | 142249 | 27-12-74 | TAVKOZLESI KUTATO INTEZET, 65 Gabor Anonutesa 1026, Hungary. | Signalling transmission in the service channel communication system. |
| 129. | 142329 | 25-4-75 | SIEMENS A.G., West Germany. | Transistor switching network. |
| 130. | 142354 | 12-2-75 | BURROUGHS CORPN., Burrough Place, Detroit, Michigan, U.S.A. | Data storage device. |
| 131. | 142387 | 18-6-74 | JOSEPH LUCAS (INDU.) LTD., England. | Control circuit for electric vehicles. |
| 132. | 142388 | 4-6-74 | SIEMENS A. G. West Germany. | Electromagnetic switch. |
| 133. | 142422 | 30-6-75 | U.S.S. ENGINEERS AND CONSULTANTS INC., 600 Grant street, Pittsburgh, Pennsylvania, U.S.A. | Electrolytic treating apparatus. |

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| 134. | 142464 | 18-6-74 | JOSEPH LUCAS (INDUSTRIES) LTD., Great King street, Birmingham, England. | Control circuit for electric vehicle. |
| 135. | 142487 | 26-2-75 | THE LUCAS ELECTRICAL Co. LTD., Well Street, Birmingham, England. | Vehicle lamp unit. |
| 136. | 142502 | 12-8-74 | REYROLLE PARSONS LTD., Country Durham, England. | Assembling electrical measuring instruments. |
| 137. | 142548 | 21-6-74 | JOSEPH LUCAS (INDUSTRIES) LTD., England. | A control circuit for an electrically driven vehicle. |
| 138. | 142563 | 12-9-75 | SIEMENS A.G., West Germany. | Electrically controllable attenuation elements for V.H.F. Circuit. |
| 139. | 142578 | 2-12-74 | BURROUGHS CORPN., U.S.A. | A binary data processor. |
| 140. | 142647 | 25-6-75 | JOHNS MANVILLE CORPN., 22nd East N.Y.16, N.Y. U.S.A. | An electric furnace with an improved furnace outlet. |
| 141. | 142653 | 27-1-75 | DR. KURT HURBERTS GMBH, D-56 Wappertal 2, Ehrst busch 25, F.R.G | Insulating coatings on electric conductors. |
| 142. | 142678 | 3-5-75 | GERTRUD AGNES MATILDA LIND, M.D. GVAV TUREGATAN, 22, 11438 Stockholm, Sweden. | Auto-traction table. |
| 143. | 142720 | 15-9-75 | GHANSHYAM, Adept Co. Jinsi, Bhopal 462008, Madhya Pradesh, India. | Automatic electric steam press. |
| 144. | 142824 | 18-7-74 | R.C.A. CORPN., U.S.A. | Semiconductor device with heat sink. |
| 145. | 142886 | 8-1-76 | SIEMENS A.G., West Germany. | P.C.M. Generators. |
| 146. | 142917 | 19-7-74 | JOSEPH LUCAS (INDUSTRIES) LTD., England. | Control circuit for electric driven vehicles. |
| 147. | 142918 | 19-7-74 | Do. | Do. |
| 148. | 143187 | 11-6-74 | WESTINGHOUSE ELECTRIC CORPN., U.S.A. | High pressure mercury vapour discharge lamps. |
| 149. | 143207 | 8-11-74 | C.S.I.R. New Delhi, India. | A strain gauge torque transducer. |
| 150. | 143215 | 10-2-76 | WESTINGHOUSE ELECTRIC CORPN., U.S.A. | A method of making a light activated semi-con- ductor controlled rectifier |
| 151. | 143218 | 13-1-75 | Do. | Circuit interrupter with electromagnetic opening means. |
| 152. | 143247 | 10-4-76 | RENE JEAN JOUANNO, 25 RUE Moliere, 91470 Limours, France. | Radar reflector. |
| 153. | 143307 | 3-7-75 | THE FERTILIZER (PLANNING AND DEVELOPMENT) INDIA, LTD., P.O. Sindri, Distt. Dhanbad, Bihar, India. | Low frequency function generator. |
| 154. | 143373 | 29-4-76 | SIEMENS A G., Berlin & Munich, West Germany. | Fault signalling system for transmission system. |
| 155. | 143449 | 6-2-75 | Do. | Regulation arrangement for an electric power supply system. |
| 156. | 143600 | 20-6-74 | JOSEPH LUCAS (INDU) LTD., England. | Control circuit for electrically driven vehic- les. |
| 157. | 143601 | 23-9-74 | WESTINGHOUSE ELECTRIC CORPN., U.S.A. | Dynamo electric machine having damper winding. |
| 158. | 143674 | 26-5-75 | THE LUCAS ELECTRICAL CO, LTD., England. | 3-Phase full wave rectifier assembly. |
| 159. | 143726 | 10-12-75 | THE LUCAS ELECTRICAL CO. LTD., England. | Electric switch. |

RENEWAL FEES PAID

97783 97991 99422 99500 99917 105181 105216 105217
 105218 105278 105305 105388 105404 105497 105756 108085
 110453 110607 115760 115802 115829 115923 115933 115963
 116131 116353 117398 117940 121189 121217 121227 121253
 121272 121319 121334 121335 121345 121372 121396 121466
 121483 121518 121685 121690 121816 122047 123503 125984
 126476 126509 126517 126547 126560 126610 126624 126699
 126755 126759 126786 126800 126809 126812 126901 128061
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 135363 135469 135555 135602 135634 135803 135831 135862
 136009 136235 136335 136350 136358 136413 136489 136701
 136809 136978 137044 137153 137259 138046 138047 138592
 138723 138876 138894 138901 138956 139001 139020 139102
 139362 139515 139933 140005 140084 140131 140161 140206
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 141402 141414 141493 141736 141746 141800 141851 141879
 141971 141976 141992 142072 142080 142258 142381 141382
 142549 142591 142937 145047 143092 143128 143187 143204
 143288 143440 143478 143545 143596 143825 143846 143935
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 146495 146553 146565 146567 146568 146579 146635 146639.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 107015 granted to Uniroyal Inc. for an invention relating to "phosphate esters and their process of preparation." The patent ceased on the 12th September, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th August, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th August 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 138371 granted to Monteca Edison for an invention relating to "a process for preparing impact resistant polymeric composition." The patent ceased on the 21st September 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15th September 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th August 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139798 granted to Uniroyal Inc. for an invention

relating to "steel belted radial ply tires with 0° textile cap band." The patent ceased on the 6th July, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 1st September 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th August 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139918 granted to Litton System Inc. for an invention relating to "a support assembly with a set of idler rolls mounted in a bracket." The patent ceased on the 24th July, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15th September, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th August 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142011 granted to Litton Systems Inc. for an invention relating to "a lubrication conduit system for idler rolls." The patent ceased on the 14th August, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15th September 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th August 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class. 4. No. 147990. Scientific Clock Manufacturing Company, an Indian Registered Partnership Firm of Station Road, Morvi, Gujarat. "Clocks". January 22, 1979.

Class. 4. No. 147991. Scientific Clock Manufacturing Company, an Indian Registered Partnership Firm of Station Road, Morvi, Gujarat. "Clocks". January 22, 1979.

Class. 4. No. 147992. Scientific Clock Manufacturing Company, an Indian Registered Partnership Firm of Station Road, Morvi, Gujarat. "Clocks". January 22, 1979.

Class. 4. No. 147993. Scientific Clock Manufacturing Company, an Indian Registered Partnership Firm of Station Road, Morvi, Gujarat. "Clocks". January 22, 1979.

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S. VEDARAMAN

Controller General of Patents, Designs and
Trade Marks

